

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 1 of 1

FEB 27 2006

Application Number: 10/002,416
Filing Date: November 1, 2001
First Named Inventor: Goetzinger et al.
Art Unit: 2662
Examiner Name: Habte Mered
Attorney Docket Number: ROC920010204US1

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document Country ³ - Number ⁴ - Kind Code ⁵ Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns or Lines Where Relevant Passages or Figs. Appear	T ⁶

Examiner Signature	/Habte Mered/	Date Considered	05/04/2006
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¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3).

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PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

Approved for use through 07/07/2006. GPO 2001-093.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

Complete if Known	
Application Number	10/002,416
Filing Date	November 1, 2001
First Named Inventor	William J. Goetzinger
Art Unit	2661
Examiner Name	Habte Mered
Attorney Docket Number	ROC920010204US1

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Translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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*Complete If Known***INFORMATION DISCLOSURE
STATEMENT BY APPLICANT***(Use as many sheets as necessary)*

Sheet

2

of

2

Application Number

10/002,416

Filing Date

November 1, 2001

First Named Inventor

William J. Goetzinger

Art Unit

2661

Examiner Name

Habte Mered

Attorney Docket Number

ROC920010204US1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (In CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
HM	↓	LYONS et al., "Estimating Clock Speeds for the ATMSWITCH Architecture", Proc. NETWORKS '99 (The Third New Zealand ATM and Broadband Workshop), 21-22, Jan. 1999, pps. 39-53.	↓

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Art Unit	2662
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Attorney Docket Number	ROC920010204US1

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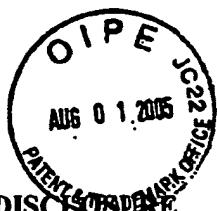
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Form PTO-1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			DOCKET NUMBER (OPTIONAL) ROC920010204US1	APPLICATION NUMBER 10/002,416
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)			APPLICANT GOETZINGER et al.	
			FILING DATE November 1, 2001	GROUP ART UNIT
JAN 28 2002 U.S. PATENT DOCUMENTS				
*Examiner Initials Initial	SEARCHED & TRADEMADE SEARCHED	DOCUMENT NUMBER	DATE	NAME
	AA			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)				
HM	AN	U.S. patent application Serial Number 10/004,373, filed November 1, 2001, by William John Goetzinger, Glen Howard Handlogten, James Francis Mikos, and David Alan Norgaard entitled "QoS SCHEDULER AND METHOD FOR IMPLEMENTING PEAK SERVICE DISTANCE USING NEXT PEAK SERVICE TIME VIOLATED INDICATION"		
	AD	U.S. patent application Serial Number 10/004,440, filed November 1, 2001, by William John Goetzinger, Glen Howard Handlogten, James Francis Mikos, and David Alan Norgaard entitled "QoS SCHEDULER AND METHOD FOR IMPLEMENTING QUALITY OF SERVICE WITH CACHED STATUS ARRAY"		
	AP	U.S. patent application Serial Number 10/004,217, filed November 1, 2001, by William John Goetzinger, Glen Howard Handlogten, James Francis Mikos, and David Alan Norgaard entitled "QoS SCHEDULER AND METHOD FOR IMPLEMENTING QUALITY OF SERVICE ANTICIPATING THE END OF A CHAIN OF FLOWS"		
	AD	U.S. patent application Serial Number 10/016,518, filed November 1, 2001, by William John Goetzinger, Glen Howard Handlogten, James Francis Mikos, and David Alan Norgaard entitled "WEIGHTED FAIR QUEUE HAVING EXTENDED EFFECTIVE RANGE"		
	AR	U.S. patent application Serial Number 10/015,994, filed November 1, 2001, by William John Goetzinger, Glen Howard Handlogten, James Francis Mikos, and David Alan Norgaard entitled "WEIGHTED FAIR QUEUE SERVING PLURAL OUTPUT PORTS"		
HM	AS	U.S. patent application Serial Number 10/015,760, filed November 1, 2001, by William John Goetzinger, Glen Howard Handlogten, James Francis Mikos, and David Alan Norgaard entitled "WEIGHTED FAIR QUEUE HAVING ADJUSTABLE SCALING FACTOR"		
HM	AT	U.S. patent application Serial Number 10/002,085, filed November 1, 2001, by William John Goetzinger, Glen Howard Handlogten, James Francis Mikos, and David Alan Norgaard entitled "EMPTY INDICATORS FOR WEIGHTED FAIR QUEUES"		
EXAMINER Harte, Mead			DATE CONSIDERED 8/16/05	

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STATEMENT BY APPLICANT**

Sheet 1 of 1

Application Number.: 10/002,416
Filing Date: November 1, 2001
First Named Inventor: William J. Goetzinger
Art Unit: 2661
Examiner Name: Unassigned
Attorney Docket Number.: ROC920010204US1

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns or Lines Where Relevant Passages or Figs. Appear	T ⁶

Examiner Signature

Holt Marci

Date Considered

8/16/03

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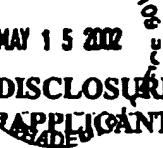
¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

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MAY 15 2002

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Sheet 4 of 4



Application Number.: 10/002,416
 Filing Date: November 1, 2001
 First Named Inventor: William Goetzinger
 Art Unit: 2661
 Examiner Name: Unassigned
 Attorney Docket Number.: ROC920010204US1

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns or Lines Where Relevant Passages or Figs. Appear
MM	CA	US -6092115A	07/18/2000	Abhijit Choudhury et al	
MM	CB	US -6094435A	07/25/2000	Don Hoffman et al	
MM	CC	US -6101193A	08/08/2000	Yoshihiro Ohba	
MM	CD	US -6104700A	08/15/2000	Stephen Haddock et al	
MM	CE	US -6108307A	08/22/2000	Stephen McConnell et al	
MM	CF	US -6122673A	09/19/2000	Debashis Basak et al	
MM	CG	US -6144669A	11/07/2000	Stephen J. Williams et al	
MM	CH	US -6157614A	12/05/2000	Eliezer Pasternak et al	
MM	CL	US -6157654A	12/05/2000	Tom Davis	
MM	CI	US -6169740B1	01/02/2001	Todd D. Morris et al	
MM	CK	US -6188698B1	02/13/2001	Claude Galand et al	
MM	CL	US -6226267B1	05/01/2001	Barry A. Spinney et al	
MM	CM	US -6229812B1	05/08/2001	Bidyut Pattuck et al	
MM	CN	US -6229813B1	05/08/2001	Steven W. Buchko et al	
MM	CO	US -6236647B1	05/22/2001	Carlo Amalfitano	

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Date Considered

8/16/05

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		ROC920010204US1	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		APPLICANT	
		GOETZINGER et al.	
		FILING DATE	GROUP ART UNIT
		Herewith	



 10/002411 U.S. PRO

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MM	AA 5,249,184		Woest et al.			
MM	AB 6,081,507		Chao et al.			
MM	AC 6,157,649		Peirce et al.	✓	✓	✓
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						
AL						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AN					
	AN					
	AO					

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	Abstract of publication entitled "Design of packet-fair queuing scheduler using a RAM-based searching engine", by HJ Chao et al, IEEE Journal on Selected Areas in Communications, vol. 17, no. 6, pp. 1105-1126, June 1999
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	AS	
	AT	

EXAMINER *Robert M. Wood* DATE CONSIDERED *08/27/05*

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Notice of References Cited		Application/Control No.	Applicant(s)/Patent Under Reexamination GOETZINGER ET AL.	
		Examiner Hable Mered	Art Unit 2662	Page 1 of 1

U.S. PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
A	US-6,081,507	06-2000	Chao et al.	370/235
B	US-2003/0050954	03-2003	Tayyar et al.	709/102
C	US-6,721,325	04-2004	Duckering et al.	370/395.4
D	US-			
E	US-			
F	US-			
G	US-			
H	US-			
I	US-			
J	US-			
K	US-			
L	US-			
M	US-			

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N					
O					
P					
Q					
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S					
T					

NON-PATENT DOCUMENTS

*	Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages	
U		
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*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

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Sheet 1 of 1

Application Number.: 10/002,416
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 First Named Inventor: William J. Goetzinger
 Art Unit: 2661-2662
 Examiner Name: Unassigned
 Attorney Docket Number.: ROC920010204US1

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HM	1	US - 4,621,359	11/04/1986	McMillen, Robert J.	
		US - 5,650,993	07/22/1997	Lakshman et al.	
		US - 6,067,301	05/23/2000	Aatresh, Deepak J.	
		US - 6,246,692	06/12/2001	Dai et al.	
		US - 6,356,546	03/12/2002	Beshai, Maged E.	
		US - 6,404,768	06/11/2002	Basak et al.	
		US - 6,608,625	08/19/2003	Chin et al.	
		US - 6,813,274	11/02/2004	Suzuki et al.	
		US - 6,850,490	02/01/2005	Woo et al.	
		US - 6,885,664	04/26/2005	Ofek et al.	
		US - 6,891,835	05/10/2005	Kalkunte et al.	
HM	✓	US - 2002/0181455	12/05/2002	Norman et al.	✓

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Examiner Signature

Habib Menej

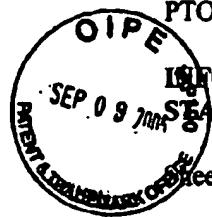
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SEP. 9, 1968

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